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DATASHEET

Simocyclinone D8

Product overview

Name Simocyclinone D8

 Cat No
 HB4084

 Purity
 >97%

Description Bacterial DNA gyrase inhibitor

Biological Data

Biological description Antibiotic. Bacterial DNA gyrase inhibitor: Staphylococcus aureus (IC₅₀= 1.45µM), E.coli (IC₅₀=

 $0.41\mu M$). Human topoisomerase II (Topo II) inhibitor (IC₅₀= $100\mu M$). Antibacterial (Gram-positive).

Antitumor compound.

Solubility & Handling

Storage instructions +4°

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

Important This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Molecular Weight 932.3 Chemical structure

CAS Number 301845-97-6

InChiKey PLEGMCYXNQPJNV-TYXWGSLYSA-N

Appearance Yellow powder